

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: JKXM17A@prodigy.com (ALLEN SMITH)
Subject: [486] Beacons
Message-ID: <013.05478593.JKXM17A@prodigy.com>

Well, I did give the AA4XX beacon a listen but there was a lot of competition out there. First off, 8am to 4pm EST on Friday doesn't give a poor working stiff in the MST zone much quality listening time...a few minutes before going off to work in the morning. Second, CQ WW DX contest Saturday was NOT a good day for trying to evesdrop on 250 milliwatt beacons with half a zillion QRO stations calling "CQ TEST" all over the CW portion of the band.

I'd like another shot at it. How about re-thinking that schedule?

Allen - AA0YU in Grand Junction, CO., an official RF "dead zone."

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: paxton@sound.net (frank paxton iii)
Subject: [502] BIG DX on 17meters
Message-ID: <199511262303.RAA04822@sound.net>

try 17m at sundown. i did and netted ZK1DI ! not bad for 5 watts and a g5rv.
ng0n.

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: ko6gf@ix.netcom.com (Denis Englander)
Subject: [489] Century 21 blows fuses
Message-ID: <199511260941.BAA29852@ix.ix.netcom.com>

Howdy...

Asking for another ham:

His Ten-Tec Century 21 blows fuses.

Anything pop into mind on this one? Seems to happen as soon as he turns on the power supply.

I think we can rule out a reversed power connection.

Probably not easy to deal with without having the whole thing on

"The Bench"...but maybe it is due to something common to this rig?
Funny diode or something? Just fishing for an answer if one is out
there.

Thanks for the band space...

72/73 de Denis - K06GF

--

ko6gf@ix.netcom.com - Denis Englander
Packet: K06GF@W6PW.#NOCAL.CA.USA.NOAM
Norcal #34:ARCI #8682: (kd6eti 01/92)

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)
Subject: [503] CQ WW CW was a BLAST!!
Message-ID: <9511270027.AA01798@wizard.ucs.sfu.ca>

Chuck thanks for the tips on contesting. I'm new at the game after being
qrp for about 12 years. This weekend was great. My results for those
who may be keeping track of how qrp-1 members did was:

Band	Q's	Z	C	
80	1	1	1	(need to spend more time here the next time)
40	36	7	5	
20	90	9	10	
15	30	8	9	
totals	157	25	25	score 15,900

goal 100 q's

equipment hw-8 40ft vertical ct v6.xx

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [492] Fox Hunt Freqs
Message-ID: <199511261413.0AA19395@chuck.dallas.sgi.com>

Gang,

Since 7.040MHz is the "watering hole" for QRPers I'd like to suggest that we start the fox hunt just below that at 7.038MHz and below. We don't own 7.040 and everyone else is using it too.

All the foxes post 7.040+/- QRM. What this means is that if 7.040 is in use (which is a high probability) then move off frequency and try somewhere else. We aren't trying to hide the fox (just the opposite) but we gotta get others to look a little off the freq. The age of digital displays has made us all precise critters. It's the nature of the beast.

I'll post standings later today. I hope that I have all the updates. It's difficult for me to get several updated logs and consolidate them into the standings. I got a feeble mind.

Good luck in the hunt.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Mon Nov 27 02:59:00 1995
From: william.redfearn.cmwdrr01@nt.com
Subject: [507] FS:MFJ-9020
Message-ID: <"13776 Sun Nov 26 20:28:36 1995"@nt.com>

For Sale:

MFJ 9020 20 meter CW transceiver

14.000 - 14.075 MHz

0 - 5 watts output

Superhet receiver with crystal filter & RIT

Good condition, works fine.

with:

MFJ-412 iambic keyer module,
MFJ-4112 portable power pack,
manuals, and boxes.

Asking \$175 for all, shipped.

73 - Dave.

=====
Dave Redfearn, Sr RF Systems Engineer NORTEL RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own, no one else wants them.

From qrp-l@lehigh.edu Mon Nov 27 02:59:00 1995
From: ko6gf@ix.netcom.com (Denis Englander)
Subject: [490] On/Off and Digest - Help?
Message-ID: <199511260949.BAA09869@ix5.ix.netcom.com>

Well gang...the question sounds again:

1. How to get on this qrp-l list server thing?
2. How to get off it?
3. How to get to the Archives and other neat qrp stuff...like the pictures of qrp rigs etc.

I 'Fess up. Been there, done that, but forget when asked, and I would like to share it with others. A major sin, I know. :-)

Ok, promise, I'll turn on my capture buffer, print screen routine, and save mail as ONOFFQRP.TXT - ok?

Thanks again... 72/73 de Denis - K06GF

--

ko6gf@ix.netcom.com - Denis Englander
Packet: K06GF@W6PW.#NOCAL.CA.USA.NOAM
Norcal #34:ARCI #8682: (kd6eti 01/92)

From qrp-l@lehigh.edu Mon Nov 27 02:59:00 1995

From: Joe Gervais <vole@primenet.com>
Subject: [488] QRP Rig For Sale
Message-ID: <199511260528.WAA24283@usr2.primenet.com>

Howdy All,

It's time for me to part with my MFJ-9020 (my first "real" QRP rig).

- MFJ-9020, 14.000-14.075 MHz, Superhet Rcvr, RIT (1.5KHz), Semi-QSK
- Optional CW Filter included
- Solid 5W Out (50mA Receive, 1Amp@13.8V Transmit)
- Original Box/Docs
- Excellent Condition (both operationally and cosmetically)
- Asking \$125 (US) plus shipping.

Reason for selling: Very happy new owner of a QRP+. I'm cleaning out the shack (which is really our bedroom closet...) to raise funds for solar panels and a new antenna, which will hopefully turn my QRP+ into a world-class Field Day station. Then all I'll need is a world-class operator to run it. :-)

Also have a Heathkit SB-101 up for grabs, but figured I'd have better luck at next week's hamfest. Maybe I should try the boatanchor list...

Cheers,

-Joe, KC7NEV (ex-KD6PRD), vole@primenet.com

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [506] QRZ! Contents
Message-ID: <Pine.3.89.9511261722.A2670-01000000@netcom15>

An earlier msg asked me if there was more that call sign info in the QRZ CD-ROM. In response to this, here is info from the "blurb" from the July 1995 (Vol. 5) edition:

- o 935,764 callsigns
- o Over 1000 PC-compatible ham pgsm
- o ARRL info files and bulletins
- o Hundreds of radio and scanner mods
- o Morse code training and radio contro software
- o Contest logging software
- o RTTY, WEFAX, Baycom, Rose, TheNET, TAPR and DSP files
- o Soundblaster compatible .WAV files for TNC testing

- o Windows Visual Basic and C++ compatible .DLL API library
- o Sample callbook source code in C
- o Support for RBBS, Opus, PCBoard, Spitfire, Maximus, File_id.diz and Wildcat BBS software

Personally, I have used only thee QRZ callbook stuff -- and it works just fine. Someday I will look into the rest of it (but I've only had this CD-capabable laptop for a couple of weeks).

Phil (pcw@netcom.com)
aka w6tuh

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: n9rj@indy.net (Russ Johnson)
Subject: [499] Re. TS-50 vs IC-706
Message-ID: <199511262131.AA01644@indy.net>

Just a few comments on the TS-50 vs IC-706:

I agree with Bob, I have had a TS-50 for the past several months and just traded it in on the Icom 706. I am very happy with the 706. The filtering is much better in SSB (don't have the cw filter yet) and the rig is very easy to use. The operating system is good with the menu system is well thought out. Some things are set by turning the rig off and holding a button in while turning it on, bringing up the SET menu, you then must turn it off and back on again to use the changes.

Most of the normal menu items are available without this proceedure though, just press the set button and page to the menu you wish to change. Changing most items like the keyer speed, (no keyer in the TS-50) is quick and easy.

The power on mine is adjustable from 3 watts to 100 watts and is done from a menu using the main tuning knob to adjust. The readout shows L 2 ... 9 H but the power actually is a gradual adjustment and can easly be set anywhere between 3 and 100.

I feel the features of IC-706 totally justify the cost. Where else can you get full coverage 3 to 100 watts on 160 - 10 all mode, 3 to 100 watts on 6 all mode, and 1 to 10 watts on 2 all mode for \$1239?

The only power requirement measured so far is recieve 1.9 amp using a simpson 260 calibration unknown.

Russ N9RJ

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: David Speegle <dspeegle@dialin.ind.net>
Subject: [493] Ten Meter QRP!
Message-ID: <Pine.SUN.3.91.951126083624.19582B-100000@dialin.ind.net>

I am using a HTX-100 connected to an AR-10 up 20 feet. Does anyone else have a similar system, and what kind of contacts are you able to make?
Dave!NE9F/ AFA1XG

```
=====
| David Speegle           Email Alias: David.Speegle@dialin.ind.net
|
|
| 311 S West St.
|
| Argos, IN 46511
| Phone: 219.546.3848 FAX:
=====
```

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: KT3A@aol.com
Subject: [500] Thanks for the Charger Info.
Message-ID: <951126164508_88914669@emout05.mail.aol.com>

Thanks to the wonderful QRP list folk for the help and opinions on which gell cell charger to use. I want to especially thank the following.

Pat, WS8T Tejas Kit
Darrel, WD8BOR A&A and Jade kit.
Ron, WB8RUQ A&A
Dennis, K1YPP Jade kit.
Phil, KJ7ET AA6PZ Power Charger from 1990 Handbook
Byron, WA8LCZ A&A
David, N2SMH A&A
Bill, KC1GS A&A

Most loved the A&A kit. Some commented on the instructions and said it was not written for the beginner. This model can be built for either a half amp or one amp rate. One guy used a switch he added to use both rates.

I am guessing most of these chargers are using the same chip to control the charging.

I think it is the UC3906. This arrangement of leaving the charger do it's thing without

overcharging sounds worth the extra effort. I don't like having to measure everything

all the time wondering if I'm cooking the cells instead of charging them.

I'm still waiting

on some follow up for more information. If I did not have a nice junk box, I would

go and get the A&A model. I've heard nice things about the Tejas kit too.

Don't have

price or ordering info on that. During our December meeting, we'll decide what we

will go with.

72 de cameron, kt3a (No beacon heard friday daylight hours here in PA).

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995

From: prvalko <prvalko@Oakland.edu>

Subject: [491] Tuesday Evening Fox

Message-ID: <Pine.OSF.3.91.951126072223.13455C-100000@saturn.acs.oakland.edu>

Now that we've all settled down after that BIG Thanksgiving chow-fest, it is time to get back to serious FOX HUNTING! Soooooo... loosen up that belt and waddle into the shack for YOUR chance to work :

W B 8 Z J L

That's right, the ol' paperback writer, moi, will be pumping plastic paddles and a mighty couple 'o watts into the ether this TUESDAY evening.

S T A R T I N G A T :

November 28th at 9:00pm EST... lessee, that's EST plus FIVE hours... uhhhh... 13 o'clock GMT, uhhh, no, that isn't right... huhhuhuh...

November 29th at 0100z - 0130	7.110 +QRM	no higher than 7.112
0130z - 0300	7.040 +QRM	no higher than 7.043

----- c u t h e r e -----

I QSL 100 percent via the buro om, right Chuck? Heheheh, yours is on the

desk... I gotta go buy some stamps (hint hint to all others).

73 es bcnu... if you're lucky

=paul= wb8zjl

<http://www.oakland.edu/~prvalko>

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995

From: Phil Wheeler <pcw@netcom.com>

Subject: [497] Re: Alinco DX-70T as QRP rig...a review de NF3I...

Message-ID: <Pine.3.89.9511261251.A26605-0100000@netcom6>

The Alinco DX-70T was reviewed recently (in QST?). The main negative was in the noise blanker. For mobile work, this is a big deal. My TS-50S blanker totally zaps ignition-related noise -- of course, getting ALL vehicle-generated noise to go away is a never-ending project!

Phil (pcw@netcom.com)

aka w6tuh

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [501] Re: Alinco DX-70T as QRP rig...a review de NF3I...

Message-ID: <Pine.3.89.9511261716.A23293-0100000@w3eax.umd.edu>

Actually, in my car today, it totally killed the ignition noise - and my car is REALLY bad as far as this goes. Much better than the FT-690R/II's NB.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440

** Yes, you CAN do VHF contests with 25W and omni antennas **

Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from lovely suburban DC 301-549-1022 weekends/evenings

On Sun, 26 Nov 1995, Phil Wheeler wrote:

> The Alinco DX-70T was reviewed recently (in QST?). The main negative was
> in the noise blanker. For mobile work, this is a big deal. My TS-50S
> blanker totally zaps ignition-related noise -- of course, getting ALL

> vehicle-generated noise to go away is a never-ending project!
>
> Phil (pcw@netcom.com)
> aka w6tuh
>
>
>

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [504] Re: BIG DX on 17meters
Message-ID: <199511270030.AAA19888@chuck.dallas.sgi.com>

Frank,

ZK1DI must be on all the WARC bands.

He was the third station I heard Friday night 0552Z (11:52pm local) on 30M. He had a pretty strong signal, but I hadn't tuned the transmitter yet.

30M has been open til midnight the last week.

dit dit es good show

OH, this was on the new GM-30 from NN1G. Hot receiver.

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: lbbarley@southwind.net (Bruce Barley)
Subject: [495] Re: Century 21 blows fuses
Message-ID: <199511261649.KAA19134@onyx.southwind.net>

Hey, Dennis!

Have you tried powering up the rig using an external 12V source? Connect to the 12v aux RCA connector on the rear panel - center pin is (+) . The main suspects on the power supply board and the power transformer itself can be isolated this way.

There is a 2N3055 regulator pass transistor under the {black on my rig}

plastic cap on the rear panel of the Century 21. It is located just above the row of RCA connectors for KEY, 12V, etc. on the left side of the panel, when looking at the radio from the rear. Remove the leads -should be two of them- from the emitter. Turn on the radio. If the fuse is still blowing, the problem is either on the 80353 power supply board or {horrors!} the power transformer itself.

If you are not sure which leads are which to the transistor, remove ALL of the leads (should be 2 to the collector, one to the base and two to the emitter.) Just be sure to MARK THEM WELL! So you can get them back to where they belong.

While you are at it and already have the leads off, use an ohmmeter to check this transistor. When the one on my rig failed, it failed OPEN. However, for the elements to short is not an uncommon mode of failure. On the Century 21, if this transistor shorts out, the FULL UNREGULATED 24 VOLTS will be applied to every circuit in the radio. I highly recommend putting an over voltage crowbar on this rig as an add-on. It will just plug into one of the 12V aux RCA connectors on the rear panel, and you can sleep in peace.

If the problem is on the 80353 power supply board, it almost all discrete components. Just has the one 723 (Motorola on mine) voltage regulator chip. The bridge diodes can be checked with an ohmmeter.

Another prime candidate is the pair of final output transistors.

A quick check of the final amp module (80361) is to disconnect the 12v at the module {there is a 33 uf / 25VDC cap soldered to that terminal} and check DC resistance to ground. If you read only a few ohms, then one of the MRF475 final transistors may well be blown. The other two wires to this module are the 12VDC for the driver transistor pair, and the driver bias set input lead. The 12VDC lead for the MRF472 drivers can be checked the same way as the 12VDC lead for the finals.

Using an ohmmeter with enough potential between the test leads to check a diode, you can look at the driver bias set input lead. Disconnect that wire to the module, and check the resistance to ground. When the ohmmeter test leads are connected one way you should read about 250 ohms to ground, and upon reversing the leads you should read about 275-300 ohms. These readings are dependent on where a small pot in the module is set, but there should be a small difference between these two readings, and they should be absolutely greater than 220 ohms, and less than 330 ohms.

Hope this gives you some pointers...

Does your friend have the owner's manual? If not, I can photocopy any information for you, should it be needed.

CW FOREVER!

Bruce - KB0PZD
lbbarley@southwind.net

>Howdy...
>
>Asking for another ham:
>
>His Ten-Tec Century 21 blows fuses.
>
>Anything pop into mind on this one? Seems to happen as soon as he
>turns on the power supply.
>
>---CLIP---
>
>72/73 de Denis - K06GF
>
>--
>
>ko6gf@ix.netcom.com - Denis Englander
>Packet: K06GF@W6PW.#NOCAL.CA.USA.NOAM
>Norcal #34:ARCI #8682: (kd6eti 01/92)
>
>
>
>

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [485] Re: Digest
Message-ID: <95Nov25.224259est.14493-2+26@hooch.CC.Lehigh.EDU>

> Was there a digest for Saturday? If so, I did not get it. But did
> ask listserv for it.

Tim & Gang,

Sorry, no digest 'til Saturday nite. The server was down (sort of)
and I was too busy eating and such to notice 'til now. Amazing how
many meals you can get out of one (large) turkey, isn't it...

73
Jim N3VXI

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: "Charles Jack Hawley Jr." <hawley@aries.scs.uiuc.edu>
Subject: [487] Re: DSP Recommendations?
Message-ID: <30B80AD8.3F1F@aries.scs.uiuc.edu>

AA3MD@aol.com wrote:

>
> With respect to adding a line noise eliminator between the rig & antenna:
> I'd probably be a bit apprehensive on inserting any device on an antenna
> feedline due to potential signal loss from such. I think any type of noise
> reduction or signal processing should be initiated thru the IF. That method
> might prove advantageous for SWL applications or QRO for that matter, but
> might incur some loss at QRP pwr levels.
> Other opinions welcome from the gang!!!!

With the ANC-4 you lose about 6db. I love the thing. It reduces most noise so well that the 6db is of course acceptable. During the day on 80M I sometimes have s9 noise and switch the ANC-4 in line and I can get the noise down to s3 or s2. Whole QSO's pop up that I had no clue were there. It has made my daytime operating great.

I haven't fooled around much with different noise antennas. So far it doesn't seem to work better with anything other than the supplied whip. They also give you a 2 foot length of wire for horizontal or whatever. I would appreciate comments from other ANC-4 users.

--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [498] Re: IC-706 and TS-50S on QRP
Message-ID: <Pine.3.89.9511261242.A26605-0100000@netcom6>

Bob,

YOur observations re the TS-50S are interesting and somewhat surprising. I've had one for about 18 months and I am very happy with it. I've seen

none of the deficiencies you noted. In side-by-side tests with my TS-440S it compared very favorably. And while I have used the TS-50S as a mobile rig on occasion, I mainly use it as a base rig (I have two base locations). It gives a good account of itself, both on TX and RX. I'm able to work into pileups on 20 meter SSB with good success using a dipole -- or even mobile with a Hamstick. Audio reports are always very favorable. It also does well for me on CW (with optional 500 Hz CW filter). I have yet to use it on HF digital (my KAM Plus is part of the TS-440S station) but I expect it to do OK.

I suspect the IC-706 may be a better rig; it sure has more bells and whistles -- including 6 meter capability. and if I were buying a new rig in this class today, the ICOM might well get the nod after some critical appraisal. But I am happy with the TS-50S, don't feel the need for 6 meters, and would not pay the delta \$\$\$ to make that change now.

Besides, who knows what our options will be in 3-5 years? <grin>

Phil (pcw@netcom.com)
aka w6tuh

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: "Robert J. Gobrick" <rgobrick@public.compuserve.com>
Subject: [494] Re: QRP IS GOOD FOR SOME THINGS BUT NOT FOR OTHERS
Message-ID: <199511261601.MAA28152@public.compuserve.com>

Peter,

Cute ... but obviously the two probes are in the wrong place - what I basically see is an end fed array with no counterpoise ground. Better luck next time AND I assume you were down on 80 meters for your BBQ.

73/72 Caio (chow) and Bon Appetit.. Bob VO1DRB/WA6ERB and better luck at Christmas

At 21:51 11/25/95 EST, you wrote:

>

>I hope all of you on the list enjoyed your thanksgiving meal. Unfortunately,
>I am still waiting for my bird to cook. This year, I have decided to
>combine my hobby with preparing dinner. I took a 16 lb. butterball, placed
>two copper rods about 10 inches long into the meat of the bird and wired
>the rods to the output of my heath HW8. I have been sending CQ for two
>days and not only have I gotten no response, the turkey is still cool. The
>giblets were done last night and they tasted ok but I couldn't fall
>asleep. I think I need to send longer CQ's or maybe change to QR0. Otherwise
>my thanksgiving turkey won't be done until Christmas. N2SXY my y1 is

>really pissed off at me and wants to go to a restaurant. She says she
>loves me but she is also hungry. I saw a guy light up a kosher sour pickle
>once by doing the same thing. Maybe I should stick to pickles.
>Happy Thanksgiving to all.
>Regards,
>Peter N2kpy
>
>

```
-----  
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet:      rgobrick@public.compusult.nf.ca |  
|                bgobrick@terra.nl.net.nf.ca |  
| Compuserve:   70466.1405@compuserve.com |  
-----
```

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: "Robert J. Gobrick" <rgobrick@public.compusult.nf.ca>
Subject: [505] Re: Thanks for the Charger Info.
Message-ID: <199511270043.VAA05365@public.compusult.nf.ca>

Hi Cameron,

If you have a good junque box then the circuit for the A&A gell cell charger can be found in the ARRL Handbook (I see that it's in the 1995 one). And yes you are correct the A&A unit used the Unitrode UC3906 Charger IC.

As I mentioned I've had mine (A&A kit) for a number of years and it works fine. I have not looked into the Jade charger but it also looks interesting since it uses the same UC3906 chip and it has a meter which would tell me a little more then the LED's on the A&A (albeit the meter kicks the price up).

Good luck let us know how you do.

73/72 Bob VO1DRB/WA6ERB

At 16:46 11/26/95 EST, you wrote:

>I am guessing most of these chargers are using the same chip to control the
>charging.
>I think it is the UC3906. This arrangement of leaving the charger do it's
>thing without
>overcharging sounds worth the extra effort. I don't like having to measure
>everything

>all the time wondering if I'm cooking the cells instead of charging them.
> I'm still waiting
>on some follow up for more information. If I did not have a nice junk box, I
>would
>go and get the A&A model. I've heard nice things about the Tejas kit too.
> Don't have
>price or ordering info on that.
>72 de cameron, kt3a

```
-----  
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet:      rgobrick@public.compuserve.nf.ca |  
|                bgobrick@terra.nlnet.nf.ca |  
| Compuserve:   70466.1405@compuserve.com |  
-----
```

From qrp-1@lehigh.edu Mon Nov 27 02:59:00 1995
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [496] Re: winding toroids
Message-ID: <Pine.LNX.3.91.951126084827.10889A-100000@dt1.datatamers.com>

Peter, The direction of winding makes no difference. 72< Dave, W6EMD

On Sat, 25 Nov 1995, PETER CALCANDY wrote:

> I am working on a low pass filter and I have a question. When winding the
> toroids, does it matter whether you turn the windings clockwise or
> counterclockwise? Each filter uses two matched toroid inductors. Does
> it make a difference if one is wound clockwise and the other counterclockwise?
> I am soo hungry and cannot think straight.
> Thanks alot
> Peter N2KPY
> LPSA
>
> PS
> maybe I should stick the soldering iron in the damn turkey?
>
>